EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	595	264/571.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:03
S2	240	S1 and (pipe or tube or hose)	US-PGPUB; USPAT	OR	ON	2009/03/27 16:03
S3	0	S1 and (pipe or tube or hose).as.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:03
S4	31	S1 and (pipe or tube or hose).ab.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:03
S5	1	"2897840".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:06
S6	1	"2780273".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:08
S7	0	("2780273").URPN.	USPAT	OR	ON	2009/03/27 16:12
S8	14	("2897840").URPN.	USPAT	OR	ON	2009/03/27 16:12
S9	3069	vacuum with draw with tube	US-PGPUB; USPAT	OR	ON	2009/03/27 16:15
S11	4344	vacuum with draw with (tube or mold)	US-PGPUB; USPAT	OR	ON	2009/03/27 16:15
S12	1149	S11 and (pipe or tube or hose).ab.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:15
S13	67	S11 and ((pipe or tube or hose) and mold$3).ab.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:15
S14	1	("5308427").PN.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:20
S15	171	vacuum with draw with (parison or preform)	US-PGPUB; USPAT	OR	ON	2009/03/27 16:22
S16	3971	vacuum with draw with (hose or tube)	US-PGPUB; USPAT	OR	ON	2009/03/27 16:26
S17	80	vacuum with draw with (hose or tube) with mold$3	US-PGPUB; USPAT	OR	ON	2009/03/27 16:26
S18	1	"3859408".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:31
S19	1	"3976414".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:35

S20	0	vauum with pull with (tube or hose or pipe) with mold$3	US-PGPUB; USPAT	OR	ON	2009/03/27 16:39
S21	0	vauum with pull with (tube or hose or pipe) with cavity	US-PGPUB; USPAT	OR	ON	2009/03/27 16:39
S22	13626	vacuum adj tube	US-PGPUB; USPAT	OR	ON	2009/03/27 16:41
S23	240	S22 with hose	US-PGPUB; USPAT	OR	ON	2009/03/27 16:41
S24	1	S23 with mold$3	US-PGPUB; USPAT	OR	ON	2009/03/27 16:41
S25	1	"5160476".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 16:50
S26	8	("3313870" | "3541189" | "3752630" | "4867669").PN. OR ("5160476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:51
S27	9	S25 or S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:51
S28	2	S27 and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:51
S29	65	("2423260" | "2451986" | "2936491" | "2974758" | "3086242" | "3296661" | "3370112" | "3759651" | "3784345" | "3856905" | "4028037" | "4543051" | "4863365" | "4867921" | "5160476" | "5342187" | "5342570" | "T900024").PN. OR ("5587126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:52
S30	30	("2423260" | "2451986" | "2936491" | "2974758" | "3086242" | "3296661" | "3370112" | "3759651" | "3784345" | "3856905" | "3900024" | "4028037" | "4543051" | "4863365" | "4867921" | "5160476" | "5342187" | "5342570").PN. OR ("5589131").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:52

S31	17	(S29 or S30) and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:52
S32	11772	vacuum with position$3 with (hose or tube)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:55
S33	4234	vacuum with position$3 near4 (hose or tube)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:55
S34	64	vacuum with position$3 near4 (hose or tube) with mold$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 16:56
S35	1	"5160476".pn.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:00
S36	8	("3313870" | "3541189" | "3752630" | "4867669").PN. OR ("5160476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:00
S37	30	("2423260" | "2451986" | "2936491" | "2974758" | "3086242" | "3296661" | "3370112" | "3759651" | "3784345" | "3856905" | "3900024" | "4028037" | "4543051" | "4863365" | "4867921" | "5160476" | "5342187" | "5342570").PN. OR ("5589131").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:00
S38	65	("2423260" | "2451986" | "2936491" | "2974758" | "3086242" | "3296661" | "3370112" | "3759651" | "3784345" | "3856905" | "4028037" | "4543051" | "4863365" | "4867921" | "5160476" | "5342187" | "5342570" | "T900024").PN. OR ("5587126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:01
S39	14	("1177204" | "3116348" | "3202178" | "3296661" | "3784345" | "3814564" | "4088724" | "4708841").PN. OR ("4867669").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:01

S40	24	("2955321" | "3090998" | "3160918" | "3246061" | "3294882" | "3377413").PN. OR ("3752630").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:01
S41	9	("3541189").URPN.	USPAT	OR	ON	2009/03/27 17:01
S42	20	("3313870").URPN.	USPAT	OR	ON	2009/03/27 17:01
S43	9	("3541189").URPN.	USPAT	OR	ON	2009/03/27 17:01
S44	20	("3313870").URPN.	USPAT	OR	ON	2009/03/27 17:01
S45	118	S36 S37 S38 S39 S40 S41 S42 S43 S44	USPAT	OR	ON	2009/03/27 17:01
S46	36	S45 and vacuum	USPAT	OR	ON	2009/03/27 17:01
S47	36	S45 and (vacuum or suction)	USPAT	OR	ON	2009/03/27 17:01
S48	36	S45 and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2009/03/27 17:01
S49	203	226/97.4.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:19
S50	37	S49 and vacuum	US-PGPUB; USPAT	OR	ON	2009/03/27 17:20
S51	0	226/254.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:27
S52	191	226/97.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:29
S53	0	S52 and vcauum	US-PGPUB; USPAT	OR	ON	2009/03/27 17:29
S54	38	S52 and vacuum	US-PGPUB; USPAT	OR	ON	2009/03/27 17:29
S55	0	406/45/ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:36
S56	26	406/45.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:36
S57	1932	406/154-180.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:38
S58	136	S57 and hose	US-PGPUB; USPAT	OR	ON	2009/03/27 17:38
S59	595	264/571.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:40
S60	236184	(pipe or hose or tube).ab.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:40

S61	31	S59 and S60	US-PGPUB; USPAT	OR	ON	2009/03/27 17:40
S62	10	("20010011781" | "20030015828" | "4368799" | "4865799" | "5277468" | "5700498" | "5932166" | "6379136" | "6514068" | "6655951").PN.	US-PGPUB; USPAT	OR	ON	2009/03/27 17:42
S63	7	("4645447" | "4696636" | "4865799" | "4878828" | "5700498" | "5932166" | "6176699").PN. OR ("6514068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 17:44
S64	23	("3380121" | "3408692" | "3479420" | "3662048" | "3789093" | "3809521" | "4026983" | "4239474" | "4246227" | "4738612" | "4777006").PN. OR ("4865799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 09:50
S65	12	("3662048" | "4034036" | "4192843" | "4865799").PN. OR ("5700498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 09:55
S66	1	"2780273".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 10:33
S67	2742	clamping adj block	US-PGPUB; USPAT	OR	ON	2009/03/30 10:39
S68	0	S67 with (tube or tubular) adj mold	US-PGPUB; USPAT	OR	ON	2009/03/30 10:39
S69	2	S67 with (tube or tubular) with mold	US-PGPUB; USPAT	OR	ON	2009/03/30 10:39
S70	23803	clamp with tube	US-PGPUB; USPAT	OR	ON	2009/03/30 10:44
S71	420	clamp with tube with mold$3	US-PGPUB; USPAT	OR	ON	2009/03/30 10:44
S72	14	("2897840").URPN.	USPAT	OR	ON	2009/03/30 10:50
S73	571	tubular adj mold	USPAT	OR	ON	2009/03/30 10:57
S74	2	S73 and hose.ab.	USPAT	OR	ON	2009/03/30 10:58
S75	14	("2897840").URPN.	USPAT	OR	ON	2009/03/30 10:59

S76	40	S73 and hose	USPAT	OR	ON	2009/03/30 11:01
S77	40	S73 and hose	US-PGPUB; USPAT	OR	ON	2009/03/30 11:01
S78	754	tubular adj mold	US-PGPUB; USPAT	OR	ON	2009/03/30 11:01
S79	49	S78 and hose	US-PGPUB; USPAT	OR	ON	2009/03/30 11:01
S80	13	("2983961" | "3164653" | "3225129" | "3424831" | "3602945" | "3850902" | "4522770").PN. OR ("4957687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:03
S81	13	("2983961" | "3164653" | "3225129" | "3424831" | "3602945" | "3850902" | "4522770").PN. OR ("4957687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:09
S82	88	cure with rubber with hose	US-PGPUB; USPAT	OR	ON	2009/03/30 11:10
S83	15	rubber same2 hose same2 tubular with mold	JPO; DERWENT	OR	ON	2009/03/30 11:12
S84	1	"4182019".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 11:17
S85	17	("2788804" | "2837121" | "2897840" | "2967563" | "3495494" | "Re27675").PN. OR ("4182019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:18
S86	1	"3859408".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 11:21
S87	31	("1537860" | "2320564" | "2742669" | "2903743" | "2994923" | "3465384").PN. OR ("3859408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:22
S88	190	rubber adj hose.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:24
S89	21	S88 and mold	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:24
S90	53	S88 and mold$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:24
S91	15	("2983961").URPN.	USPAT	OR	ON	2009/03/30 11:26

S92	6	("2417881").PN. OR ("3602945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:27
S93	3573	(elastomeric or rubber) adj hose	USPAT	OR	ON	2009/03/30 11:28
S94	4670	(elastomeric or rubber) adj hose	US-PGPUB; USPAT	OR	ON	2009/03/30 11:28
S95	41309	mold$3 adj cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 11:29
S96	42580	(mold$3 or tubular) adj cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 11:29
S97	61	S94 and S96	US-PGPUB; USPAT	OR	ON	2009/03/30 11:29
S98	31	("1537860" | "2320564" | "2742669" | "2903743" | "2994923" | "3465384").PN. OR ("3859408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:32
S99	36	S94 and 264/500-574. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:32
S100	19	("1939871" | "2226768" | "2616126" | "2688768" | "2984870" | "3359357" | "4026747" | "4106967" | "4155790").PN. OR ("4483815").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 11:36
S101	2	"2312993".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:41
S102	1	"3602945".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:42
S103	11	"1031640"	DERWENT	OR	ON	2009/03/30 12:47
S104	22	"275328"	DERWENT	OR	ON	2009/03/30 12:50
S105	42	"077188"	DERWENT	OR	ON	2009/03/30 12:51
S106	0	"077188"	JPO	OR	ON	2009/03/30 12:51
S107	42	"077188"	JPO; DERWENT	OR	ON	2009/03/30 12:51

S108	13	(US-20060180959-$ or US-20040135369-$ or US-20050133969-$). did. or (US-2897840-$ or US-4808098-$ or US-6972505-$ or US-6514068-$ or US-4865799-$ or US-5700498-$ or US-5525288-$ or US-4957687-$ or US-3602945-$ or US-2983961-$).did.	US-PGPUB; USPAT	OR	ON	2009/03/30 12:55
S109	0	S108 and (cure or vulcanize)	US-PGPUB; USPAT	OR	ON	2009/03/30 12:55
S110	463	(cure or vulcanize) with hose	US-PGPUB; USPAT	OR	ON	2009/03/30 12:56
S111	15	S110 and tubular with cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 12:56
S112	19	("1939871" | "2226768" | "2616126" | "2688768" | "2984870" | "3359357" | "4026747" | "4106967" | "4155790").PN. OR ("4483815").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:57
S113	13	("2983961" | "3164653" | "3225129" | "3424831" | "3602945" | "3850902" | "4522770").PN. OR ("4957687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:00
S114	17	hose with ptfe with rubber	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:02
S115	1	"4218420".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:11
S116	12	("2330762" | "3406430" | "3651861" | "3665069" | "3690796").PN. OR ("4218420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:11
S117	1	"4537394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:13
S118	163	(cure or vulcanize) with rubber with hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:15
S119	28581	(tubular or cylindrical) adj (cavity or mold)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:26
S120	1770	S119 and hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:26

S121	27	S120 and (cure or vulcanize) with rubber	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 13:26
S122	2	("3223760").URPN.	USPAT	OR	ON	2009/03/30 13:31
S123	3	air with jet with eject with cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 14:04
S124	401	pressure with eject with cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 14:04
S125	5	pressure with eject with cavity with tubular	US-PGPUB; USPAT	OR	ON	2009/03/30 14:08
S126	0	pressure with eject with cavity with hose	US-PGPUB; USPAT	OR	ON	2009/03/30 14:13
S127	401	pressure with eject with cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 14:14
S128	1	S127 and mold with hose	US-PGPUB; USPAT	OR	ON	2009/03/30 14:14
S129	104	pressure with eject with cavity with mold$3	US-PGPUB; USPAT	OR	ON	2009/03/30 14:15
S130	401	pressure with eject with cavity	US-PGPUB; USPAT	OR	ON	2009/03/30 14:19
S131	122	S130 and vacuum	US-PGPUB; USPAT	OR	ON	2009/03/30 14:19
S132	595	264/571.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
S133	448	S132 and vacuum	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
S134	8	S132 and vacuum with parison	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
S135	132	264/dig.41.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:30
S136	1	S135 and eject	US-PGPUB; USPAT	OR	ON	2009/03/30 14:30
S137	8	S135 and eject$3	US-PGPUB; USPAT	OR	ON	2009/03/30 14:30
S138	1	"3207833".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:32
S139	103	264/36.17.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:37
S140	8	S139 and eject$3	US-PGPUB; USPAT	OR	ON	2009/03/30 14:38
S141	6	264/919.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:39
S142	0	eject near S102	US-PGPUB; USPAT	OR	ON	2009/03/30 14:39
S143	0	eject near2 hosder	US-PGPUB; USPAT	OR	ON	2009/03/30 14:39

S144	49	eject near2 hose	US-PGPUB; USPAT	OR	ON	2009/03/30 14:39
S145	31	eject$3 with pressure with cavity same tubular	US-PGPUB; USPAT	OR	ON	2009/03/30 14:40
S146	14	("2931341" | "3037805").PN. OR ("3756545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:44
S147	58	reverse near2 pressure with eject$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:45
S148	808	pressure with eject with cylinder	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:51
S149	65	pressure with eject with cylinder with cavity	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:51
S150	1	"4660801".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:55
S151	314786	apply$3 with pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:56
S152	116591	apply$3 adj pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:56
S153	3	S152 with remove near2 (hose or product) with mold	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 14:56
S154	2	"2830622".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 15:15
S155	6	("2830622").URPN.	USPAT	OR	ON	2009/03/30 15:25
S156	1	"2897840".pn.	USPAT	OR	ON	2009/03/30 15:37
S157	1	"2897840".pn.	US-PGPUB; USPAT	OR	ON	2009/03/31 09:10
S158	20	(US-20060180959-$ or US-20040135369-$ or US-20050133969-$).did. or (US-2897840-$ or US-4808098-$ or US-6972505-$ or US-6514068-$ or US-4865799-$ or US-5700498-$ or US-5525288-$ or US-4957687-$ or US-3602945-$ or US-2983961-$ or US-4182019-$ or US-5518035-$ or US-6391963-$ or US-3756545-$ or US-2830622-$).did. or (US-3223760-$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:29

		3107141-$).did.				
S159	1	S158 and flar$3	US-PGPUB; USPAT	OR	ON	2009/03/31 09:29
S160	1	"4957687".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:48
S161	0	S158 and salt	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:54
S162	0	S158 and bath	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:54
S163	1	S158 and submerge$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:54
S164	0	S158 and autoclave	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:56
S165	3	S158 and lead	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:56
S166	24	cure with hose with lead	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 09:57
S167	1	"3972757".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:02
S168	1	"3690796".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:05
S169	6	lead adj press with (cure or vulcanize) with hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:06
S170	0	electric adj wrap with heat with mold	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:33
S171	11	electric adj wrap	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:33
S172	0	lead adj press with electr$4 with cure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:40
S173	0	lead adj press with electricity with cure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:40
S174	0	lead adj press with electricity	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:40
S175	23	lead adj press with electrical	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:40
S176	47	electric$3 adj wrap	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:41
S177	47	S176 not S167	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:41
S178	36	S176 not S171	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:41
S179	1	S175 and hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 10:42

S180	20	(US-20060180959-$ or US-20040135369-$ or US-20050133969-$).did. or (US-2897840-$ or US-4808098-$ or US-6972505-$ or US-6514068-$ or US-4865799-$ or US-5700498-$ or US-5525288-$ or US-4957687-$ or US-3602945-$ or US-2983961-$ or US-4182019-$ or US-5518035-$ or US-6391963-$ or US-3756545-$ or US-2830622-$).did. or (US-3223760-$ or US-3107141-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 11:28
S181	20	(US-20060180959-$ or US-20040135369-$ or US-20050133969-$).did. or (US-2897840-$ or US-4808098-$ or US-6972505-$ or US-6514068-$ or US-4865799-$ or US-5700498-$ or US-5525288-$ or US-4957687-$ or US-3602945-$ or US-2983961-$ or US-4182019-$ or US-5518035-$ or US-6391963-$ or US-3756545-$ or US-2830622-$).did. or (US-3223760-$ or US-3107141-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/26 10:53
S182	1	S181 and segment$	US-PGPUB; USPAT	OR	ON	2009/04/26 10:53
S183	7735	rubber adj hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:30
S184	68	S183 and cur$3 with known with art	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:30
S185	31	("1537860" | "2320564" | "2742669" | "2903743" | "2994923" | "3465384").PN. OR ("3859408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:48

S186	10424	rubber adj tube	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:49
S187	39	S186 and cur$3 with known with art	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:49
S188	7	200/dig.37.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:52
S189	212	collapsible adj hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:53
S190	0	S189 and cur$3 with known with art	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:53
S191	541	elastomer$ adj hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:53
S192	12	S191 and cur$3 with known with art	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:53
S193	7735	rubber adj hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:43
S194	34182	inner with surface with smooth	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:43
S195	133	S193 and S194	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:43
S196	1234	inner with surface with smooth with friction	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:43
S197	3	S193 and S196	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:43
S198	686	corrugated adj hose	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:46
S199	73	S198 and smooth with inner with surface	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:46
S200	250	inner with surface with frictionless	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:59
S201	51460	inner with surface with friction$	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:59
S202	35058	inner with surface with friction$	US-PGPUB; USPAT	OR	ON	2009/08/20 13:59
S203	10	S198 and S202	US-PGPUB; USPAT	OR	ON	2009/08/20 14:00
S204	4	hose with smooth with interior with friction$5	US-PGPUB; USPAT	OR	ON	2009/08/20 14:06
S205	8	hose with smooth with inner with friction$5	US-PGPUB; USPAT	OR	ON	2009/08/20 14:08
S206	13	S198 and smooth adj interior	US-PGPUB; USPAT	OR	ON	2009/08/20 14:11
S207	90	S198 and friction	US-PGPUB; USPAT	OR	ON	2009/08/20 14:11

S208	35	heat with reliev$3 near2 stress with ("near" or adjacent or proxim$) with weld$3	US-PGPUB; USPAT	OR	ON	2009/08/20 14:26
S209	37	heat$3 with reliev$3 near2 stress with ("near" or adjacent or proxim$) with weld$3	US-PGPUB; USPAT	OR	ON	2009/08/20 14:26
S210	1	"5844127".pn.	US-PGPUB; USPAT	OR	ON	2009/08/20 14:26

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